

FILEID**BADKEY

D 7

BBBBBBBB BBBB AAAAAA AAAA DDDDDD DDDDDDDDD KK KK EEEEEEEE YY YY
BBBBBBBB BBBB AA AA AA DD DD KK KK EEE YY YY
BBBBBBBB BBBB AA AA AA DD DD KK KK EEE YY YY
BBBBBBBB BBBB AA AA AA DD DD KK KK EEE YY YY
BBBBBBBB BBBB AA AA AA DD DD KKKKKK EEEEEEE YY YY
BBBBBBBB BBBB AA AA AA DD DD KKKKKK EEEEEEE YY YY
BBBBBBBB BBBB AA AA AA DD DD KK KK EEE YY YY
BBBBBBBB BBBB AA AA AA DD DD KK KK EEE YY YY
BBBBBBBB BBBB AA AA AA DDDDDD KK KK EEEEEEEE YY YY
BBBBBBBB BBBB AA AA AA DDDDDD KK KK EEEEEEEE YY YY

.....
.....
.....

LL IIIII SSSSSSS
LL IIIII SSSSSSS
LL II SS
LL II SS
LL II SS
LL II SSSSS
LL II SSSSS
LL II SS
LL II SS
LL II SS
LLLLLLLLL IIIII SSSSSSS
LLLLLLLLL IIIII SSSSSSS

ED1
VO4

```

1 0001 0 XTITLE 'EDT$BADKEY - test for bad key'
2 0002 0 MODULE EDT$BADKEY (
3 0003 0 IDENT = 'V04-000'
4 0004 0 ) =
5 0005 1 BEGIN
6
7 0007 1 ****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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26
27 0027 1 *
28
29 0028 1 ****
30 0029 1 *
31 0030 1 *
32 0031 1 ++
33 0032 1 FACILITY: EDT -- The DEC Standard Editor
34 0033 1
35 0034 1 ABSTRACT:
36 0035 1
37 0036 1 Test for a bad key.
38 0037 1
39 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
40 0039 1
41 0040 1 AUTHOR: Bob Kushlis, CREATION DATE: 6-AUG-1979
42 0041 1
43 0042 1 MODIFIED BY:
44 0043 1
45 0044 1 1-001 - Original. DJS 18-FEB-1981. This module was created by
46 0045 1 extracting routine EDT$$TST_BADK from module EDTCTR.
47 0046 1 1-002 - Regularize headers and fix file name. JBS 04-Mar-1981
48 0047 1 1-003 - Change range check, for new implementation of defined keys.
49 0048 1 JBS 12-Aug-1982
50 0049 1 1-004 - Don't allow GOLD digit. JBS 16-Aug-1982
51 0050 1 1-005 - Add conditional for VT220 support. JBS 11-Feb-1983
52 0051 1 --
53 0052 1

```

```
54 0053 1 %SBTTL 'Declarations'  
55 0054 1  
56 0055 1 TABLE OF CONTENTS:  
57 0056 1  
58 0057 1  
59 0058 1 REQUIRE 'EDTSRC:TRAROUNAM';  
60 0497 1  
61 0498 1 FORWARD ROUTINE  
62 0499 1 EDT$STST_BADK;  
63 0500 1  
64 0501 1  
65 0502 1 INCLUDE FILES:  
66 0503 1  
67 0504 1  
68 0505 1 REQUIRE 'EDTSRC:EDTREQ';  
69 0640 1  
70 0641 1 LIBRARY 'EDTSRC:KEYPADDEF';  
71 0642 1  
72 0643 1 LIBRARY 'EDTSRC:SUPPORTS';  
73 0644 1  
74 0645 1  
75 0646 1 MACROS:  
76 0647 1  
77 0648 1 NONE  
78 0649 1  
79 0650 1 EQUATED SYMBOLS:  
80 0651 1  
81 0652 1 NONE  
82 0653 1  
83 0654 1 OWN STORAGE:  
84 0655 1  
85 0656 1 NONE  
86 0657 1  
87 0658 1 EXTERNAL REFERENCES:  
88 0659 1  
89 0660 1 In the routine
```

```
91 0661 1 %SBTTL 'EDT$STST_BADK - test for bad key'
92 0662 1
93 0663 1 GLOBAL ROUTINE EDT$STST_BADK (
94 0664 1     KEY
95 0665 1     ) =
96 0666 1
97 0667 1     ++
98 0668 1     FUNCTIONAL DESCRIPTION:
99 0669 1
100 0670 1     Test for a bad key.
101 0671 1
102 0672 1     FORMAL PARAMETERS:
103 0673 1
104 0674 1     KEY           The key to test
105 0675 1
106 0676 1     IMPLICIT INPUTS:
107 0677 1
108 0678 1     NONE
109 0679 1
110 0680 1     IMPLICIT OUTPUTS:
111 0681 1
112 0682 1     NONE
113 0683 1
114 0684 1     ROUTINE VALUE
115 0685 1
116 0686 1     1 = key is bad, 0 = key is good
117 0687 1
118 0688 1     SIDE EFFECTS:
119 0689 1
120 0690 1     NONE
121 0691 1
122 0692 1     --
123 0693 1
124 0694 2     BEGIN
125 0695 2
126 L 0696 2     %IF SUPPORT_VT220
127 0697 2     %THEN
128 0698 2
129 0699 2     EXTERNAL
130 0700 2     EDT$SB_CHAR_INFO : BLOCKVECTOR [256, 1, BYTE]; ! Information about characters
131 0701 2
132 0702 2     %FI
133 0703 2
134 0704 2     ASSERT (.KEY LEQ K_KEY_MAX);
135 0705 2
136 0706 2     IF ((.KEY LSS K_KPAD_BASE) AND (.KEY NEQ ASC_K_DEL) AND (.KEY GEQ ASC_K_SP)) THEN RETURN (1);
137 0707 2
138 0708 2     IF ((.KEY GEQ K_GOLD_BASE) AND (.KEY LSS K_GOLD_BASE + 256))
139 0709 2     THEN
140 0710 2     BEGIN
141 0711 2
142 L 0712 2     %IF SUPPORT_VT220
143 0713 2     %THEN
144 0714 2
145 0715 2     IF (.EDT$SB_CHAR_INFO [.KEY - K_GOLD_BASE, 0, 0, 8, 0] EQX 'F0') THEN RETURN (1);
146 0716 2
147 U 0717 3     %ELSE
```

EDTSBADKEY
V04-000

EDTSBADKEY - test for bad key
EDT\$STST_BADK - test for bad key

H 7
15-Sep-1984 23:42:30
14-Sep-1984 12:22:17
VAX-11 Bliss-32 v4.0-742
DISK\$VMSMASTER:[EDT.SRC]BADKEY.BLI;1 Page 4
(3)

148 U 0718 3
149 U 0719 3
150 U 0720 3
151 U 0721 3 XFI
152 U 0722 3
153 U 0723 2
154 U 0724 2
155 U 0725 2 RETURN (0);
156 U 0726 1 END;

! of routine EDT\$STST_BADK

.TITLE EDT\$BADKEY EDT\$BADKEY - test for bad key
.IDENT \V04-000\
.EXTRN EDT\$SB CHAR_INFO
.EXTRN EDT\$SINTER_ERR
.PSECT _EDT\$CODE,NOWRT, SHR, PIC,2

			0004	00000		.ENTRY	EDT\$STST_BADK, Save R2	0663
			AC	D0	00002	MOVL	KEY, R2	0704
	000003E7	52	04	52	D1 00006	CMPL	R2, #999	
		8F		07	15 0000D	BLEQ	1S	
	00000000G	00		00	FB 0000F	CALLS	#0, EDT\$SINTER_ERR	
	0000012C	8F		52	D1 00016	CMPL	R2, #300	0706
	0000007F	8F		0E	18 0001D	BGEQ	2S	
				52	D1 0001F	CMPL	R2, #127	
			20	05	13 00026	BEQL	2S	
				52	D1 00028	CMPL	R2, #32	
	000001F4	8F		1D	18 0002B	BGEQ	3S	
				52	D1 0002D	CMPL	R2, #500	0708
	000002F4	8F		18	19 00034	BLSS	4S	
				52	D1 00036	CMPL	R2, #756	
			F0	0F	18 0003D	BGEQ	4S	
			00000000G0042	91	0003F	CMPB	EDT\$SB_CHAR_INFO-500[R2], #240	0715
				04	12 00048	BNEQ	4S	
			50	01	D0 0004A	MOVL	#1, R0	
				04	0004D	RET		
				50	D4 0004E	CLRL	R0	0725
				04	00050	RET		0726

; Routine Size: 81 bytes, Routine Base: _EDT\$CODE + 0000

157 0727 1
158 0728 1 !<BLF/PAGE>

EDT\$BADKEY
VO4-000 EDT\$BADKEY - test for bad key
 EDT\$STST_BADK - test for bad key
:
: 160 0729 1 END
: 161 0730 1
: 162 0731 0 ELUDOM

17
15-Sep-1984 23:42:30 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:22:17 DISK\$VMSMASTER:[EDT.SRC]BADKEY.BLI;1 Page 5 (4)
 ! of module EDT\$BADKEY

ED
VO

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	81	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	-----	Symbols	-----	Pages	Processing
	Total	Loaded	Percent	Mapped	Time
-\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	3	0	40	00:00.3
-\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1
-\$255\$DUA28:[EDT.SRC]KEYPADDEF.L32;1	34	3	8	7	00:00.1
-\$255\$DUA28:[EDT.SRC]SUPPORTS.L32;1	2	1	50	5	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:BADKEY/OBJ=OBJ\$:BADKEY MSRC\$:BADKEY.BLI/UPDATE=(ENH\$:BADKEY)

Size: 81 code + 0 data bytes
Run Time: 00:10.7
Elapsed Time: 00:15.2
Lines/CPU Min: 4110
Lexemes/CPU-Min: 11842
Memory Used: 64 pages
Compilation Complete

0130 AH-BT13A-SE
VAX/VMS V4.0

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ERRMSG REQ	TRACEON REQ	TRANSLATE REQ	TRAROUNAM REQ	BADKEY LIS	CALLWTO LIS	CHMBEGSEN LIS	CHMBELL LIS	CHMCMBLN LIS	CHMCHGE LIS	CHMDELLIN LIS	CHMELRCC LIS	CHMELCHR LIS	CHMCHKCC LIS	CHMEINPUT LIS
SYSSYM REQ	TRANNAMES REQ	TRACELIT REQ	CALLFIO LIS	CHMBEGRD LIS	CHMBEPRD LIS	CHMBEGWD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS
EDTREQ REQ	KEYPADDEF REQ	PRE	TRACEMAC REQ	VERSION REQ	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS	CHMBEPRD LIS
PSECTS REQ	TRACEOFF REQ	TRACEON REQ	TRAROUNAM REQ	BADKEY LIS	CALLWTO LIS	CHMBEGSEN LIS	CHMBELL LIS	CHMCMBLN LIS	CHMCHGE LIS	CHMDELLIN LIS	CHMELRCC LIS	CHMELCHR LIS	CHMCHKCC LIS	CHMEINPUT LIS
ERRMSG REQ	TRACEON REQ	TRANSLATE REQ	TRAROUNAM REQ	BADKEY LIS	CALLWTO LIS	CHMBEGSEN LIS	CHMBELL LIS	CHMCMBLN LIS	CHMCHGE LIS	CHMDELLIN LIS	CHMELRCC LIS	CHMELCHR LIS	CHMCHKCC LIS	CHMEINPUT LIS